

**Director's Research and Development Fund Proposal FY 2005**  
**Due Date: Friday, October 29, 2004 by 5 pm PDT**

<b>1. Title</b>	
<b>2. Principal Investigator</b> - include only one JPL PI (First Last) - Org./Affiliation	<b>3. Co-Investigators (First Last)</b> - Org./Affiliation
<b>4. Budget</b> <div style="display: flex; justify-content: space-between;"> <div> <b>New Proposal [ ]</b>  FY05:  FY06:  FY07: </div> <div> <b>Renewal [ ]</b>  FY03:  FY04:  FY05: </div> </div>	
<b>5. Technology Readiness Levels (if applicable)</b> Starting TRL (1-9): Anticipated TRL (1-9):	<b>6.</b> Check box if <b>Off-Lab</b> Field Work/Testing Required [ ]
<b>7a. General Objectives:</b> (Clearly and concisely state the proposal objectives and goals and what are the expected deliverables/products of the proposed work.)          	
<b>7b. Quantitative Objectives:</b> 1) Discuss quantitative capability goal of proposal. 2) Compare with current capability both at JPL and outside JPL          	
<b>8. Approach:</b> Describe how you plan to achieve your objectives. Give specific tasks and milestones that will be accomplished.                      	

<b>9. For Renewal Proposals Only: Discuss the specific accomplishments you achieved in FY03 and/or FY04 and why you need further work.</b>	
<b>10. Describe the innovative features of this proposal.</b>	
<b>11. Contribution of External Investigators. What strengths do the team members bring to the proposal?</b>	
<b>12. Significance and impact of results on JPL missions and programs</b>	
<b>13. Has the proposal been submitted elsewhere? If yes explain</b>	
<b>14. Institutional Partnerships – describe</b>	
<b>15. Plans for follow-on funding</b>	
<b>16. Budget - Please fill out the budget sheet below. Contact your Section Administrator or Business Administration Manager for current FY05 rates and assistance in filling out the form.</b>	
<b>17. JPL PI Division Manager Approval Signature</b> Name:	Org:
<b>18. External Affiliation Signature:</b> Name:	Org:
<b>19. JPL Principal Investigator Signature</b> Name:	Org:
<b>20. External co-Principal Investigator Signature</b> Name:	Org:

## Budget Sheet

Category	AT JPL	AT EXTERNAL INSTITUTION(S)
<b>DIRECT COST</b>		
1. Salaries (Itemize) (Only "itemize" the person names or job classifications and the number of hours for each. You can show one total \$ salary figure for labor.)		
2. Labor Fringe Rates - Employee Benefits		
3. Cat A Labor (Itemize) (Only "itemize" the person names or job classifications and the number of hours for each. You can show one total \$ figure for labor.)		
4. Procurements –Equipment, Materials and Supplies (Itemize). JPL - Do not list the contracts for outside collaborators. This total is on line #12 on the external collaborator column.		
5. Procurements – Subcontracts (PS – contracts other than with collaborators) (Itemize)		
6. Services – (Itemize) (JPL be sure to include in-house services at JPL)		
7. Domestic Travel (only as a research cost; and domestic conference travel is allowed up to a maximum 5% of the total budget) Itemize with what and where the travel is required.		
8. Other (Itemize) (Chargebacks, etc.)		
9. Total Direct Costs (total of dollars 1 through 8)		
<b>10. ALLOCATED DIRECT COSTS (ADC)</b>		
ADC FY05 - See Section Administrator or Business Administration Manager for current rates. ADC costs are calculated on the JPL's total direct costs Item #9 and the external institution(s) budget item #12.		
ADC at JPL consisting of: a. Labor ADC b. Contracts ADC c. Purchase Orders d. General ADC Enter total on Item #10		
11. Overhead -external Institution		
12. Individual Budget: (JPL add Item #9 Direct Cost and #10 ADC costs for total JPL budget) External Institution add Item #9 and Item #11 Overhead for total)		
13. Combined Budget: (JPL Budget plus External Institution Budget)	\$	

**Figures, Graphics, Tables, etc.**

*(Please do not use "text-wrapping" when incorporating graphics at the end of the report.)*